

MULTIPLE TARGET ANODE ASSEMBLY AND SYSTEM OF OPERATION

Abstract

An anode assembly having multiple target electrodes is disclosed.

Each target electrode produces an x-ray fan beam for radio-graphic data acquisition. The target electrodes are designed to sequentially generate an x-ray fan beam and therefore operate at a proportional duty cycle per scan. Power output capabilities of the anode assembly is increased without an increase in the size or thermal overloading of the anode assembly.